

JOSEPH P BURKE
SARNIA STEAMSHIPS LIMITED

2
12/16

40

142

5

Profile Deck.

Swan Hunter & W.R.

Nos 1369 - 1371 - 3 - 5.

Manicouagan X - 30 - 10 - 28.
ex Empire Brother
N/N Manitoulin

1369 "John A. Mc Keller".

1371 "D. H. Houston."

1373 "Ralph Gilchrist"

1375 "Joseph P. Burke"

DELAWARE
CHEYENNE

PLANS TRANSFERRED
TO SISTER VESSEL

Sorel doe *

Profile Deck

Swan Hunter 1369-71-3-5

Bay

004512-004519-0207



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N° 1369-71-3-5 SHIP
PROFILE & DECK

DIMENSIONS :- 253'-0" B.P. x 43'-4" Ex T. x 20'-0" D.M L.D.

TO CLASS B. S* FOR SERVICE ON GREAT LAKES &

RIVER ST. LAWREN

SCALE $\frac{1}{8}$ " = 1 F

- OCT 1928

Lloyd's Regis
Foundation

H
Midship Section.

Dwan Hunter & W.R.

Nos 1369-1371-3-5.

manicouagan *

ex EMPIRE ROTHER 30-10-28.

1369. John D. Mc Keller.

1371 D. H. Houson. -

1373 Ralph Gilchrist

1375. Joseph S. Burke.

DELAWARE

PLANS TRANSFERRED

TO WATER VESSEL

20-0-
4-6

Soreldoe *

[4-5-4]

20-0-4
4-5-4
15-7

004512-004519-0206



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⁴
Midship Section

Swan Hunter B69-1-3-5.

Bag.

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25 Oct 1928

Approved
20/10/28

N° 1369-7-3.5 SHIPS

MIDSHIP SECTION.

DIMENSIONS: - 253'-0" O.B.P. x 43'-4" EXTME x 20'-0" MLD.

EQUIPMENT.

2 BOWER ANCHORS STOCKLESS EACH 36 GWT'S.
 1 STREAM EX-STOCK 114'.
 210 FTNS. 1/16" STUD CHAIN CABLE.
 75' 3/2" STEEL STREAM WIRE.
 105' 3/2" WIRE TOWLINE.
 2-90' 6 1/2" HAWSERS.
 2-90' 5"

QUAD. RIV. BUTTS

OR HOUSE AFT

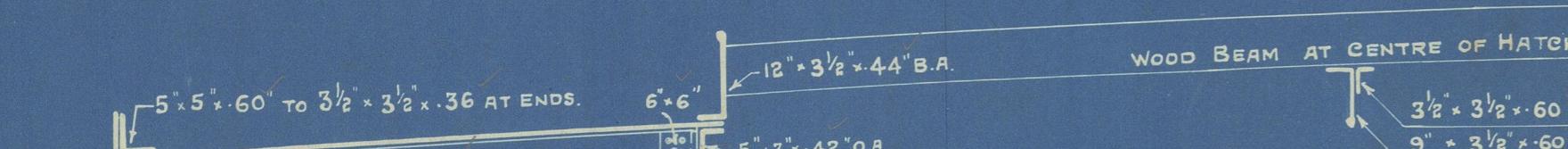
19/10/28

TO CLASS B.S.* FOR SERVICE ON GREAT LAKES AND RIVER ST. LAWRENCE.

SCALE: 1/2" = 1 FOOT.

STRINGER PLATE 34 1/2" x 62 TO 36 AT ENDS BEYOND HATCHWAYS.

QUAD. RIV. BUTTS TO BE CLEAR OF HATCHWAYS



SHEERSTRAKE

72' 56" FOR 1/2 L TO 36".
 BUTTS LAPPED & TREBLE.
 RIV. FOR 1/2 L TO DOUBLE
 AT ENDS.

14' 0" DRAFT

FRAME SPACING: A.P.-108 = 24' APART.

108 - 119 = 20'

119 - 130 = 18'

FRAMES IN AFT PEAK. 6' x 3' x 36 B.A.'S.

- " ENGINE ROOM 8 x 3 x 36 "
- " BOILER ROOM 8 x 3 x 42 "
- " N° 2 HOLD 8 x 3 x 36 "
- " N° 1 HOLD 9 x 3 x 36 B.A. (FRM# 75-97)
- " WAY OF DEEP BEAMS TO HAVE 8' 3" x 36 B.A. WITH 6' 6" x 70 REV. BAR FORMING 9' GIRDER.
- " FORE PEAK 6' x 3" x 36 B.A. TO UPPER DK.
- " FORECASTLE 5 x 3 x 30 O.A. KNEED TO UPPER DK.
- " N° 1 HOLD (FRMS. 88-118) 8' x 3" x 36 B.A. WITH 6' 3" x 40 REV. BAR ON EVERY FRAME FORMING 9' GIRDER. (SEE SECTION.)

BILGE STRAKE

44" TO 38".
 BUTTS LAPPED & TREBLE 4 1/2".
 RIV. FOR 1/2 L TO DOUBLE
 AT ENDS.

BOS. PLATE

58".

See

20-11-28

See

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Sternframe.

Swan Hunter & W.H.

N^os 1369. 1-3-5.

maniconagan X
ex Empire Slother 2. 11. 28.

1369. "John A. Mc Keller"

1371. "D. H. Houston"

1373. "Ralph Gilchrist"

1375. "Joseph S. Burke".

PLANS TRANSFERRED
TO SISTER VESSEL

Goreldoe *

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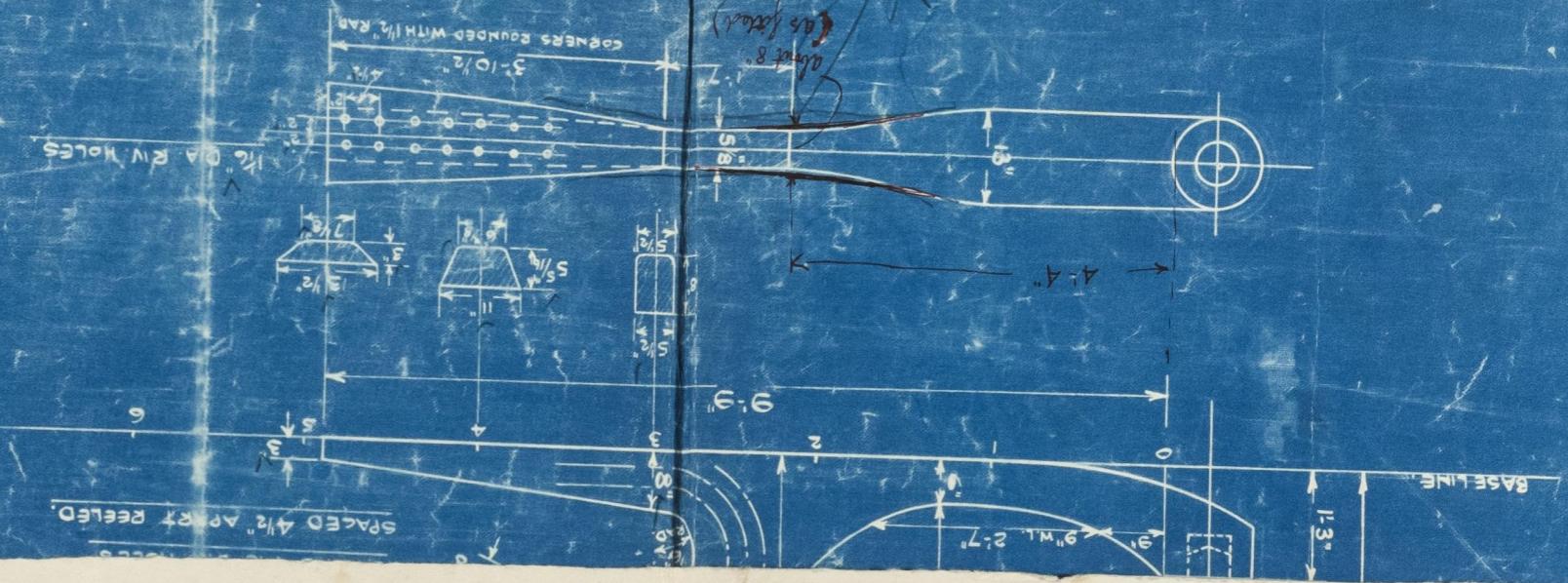
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201512-Q041519-0205

WALLSEND-ON-TYNE
WALLSEND CHIPPINGHORN
SHIPBUILDERS LTD.
PLAN NO. 2310-28
DATE 18/10/23
ENGINE No. 215

SCALE 3" = 1 ft.

DETAIL OF BOTTOM GUDEGEON.



I
Stemframe

Swan Hunter B69. 1-2-5

Baer

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NOS

1369-71-3-5 SHIPS.

25 Oct 1928

STERNFRAME.

OF FORGED STEEL TO PASS BRITISH CORPT TESTS.

FOR SERVICE ON THE GREAT LAKES & RIVER ST. LAWRENCE.

SCALE 1/2"=1FT

DIMENSIONS GIVEN ARE TO BE CAREFULLY WORKED TO, & NOT EXCEEDED, AS WE ONLY PAY ON WEIGHTS CALCULATED TO THESE DIMENSIONS.

FRAME NOT TO BE PAINTED BUT TO HAVE A COAT OF OIL.

CENTRE LINE OF BEARING GUDGEON & BOTTOM GUDGEON TO BE IN A STRAIGHT LINE & SQUARE TO BASE LINE.

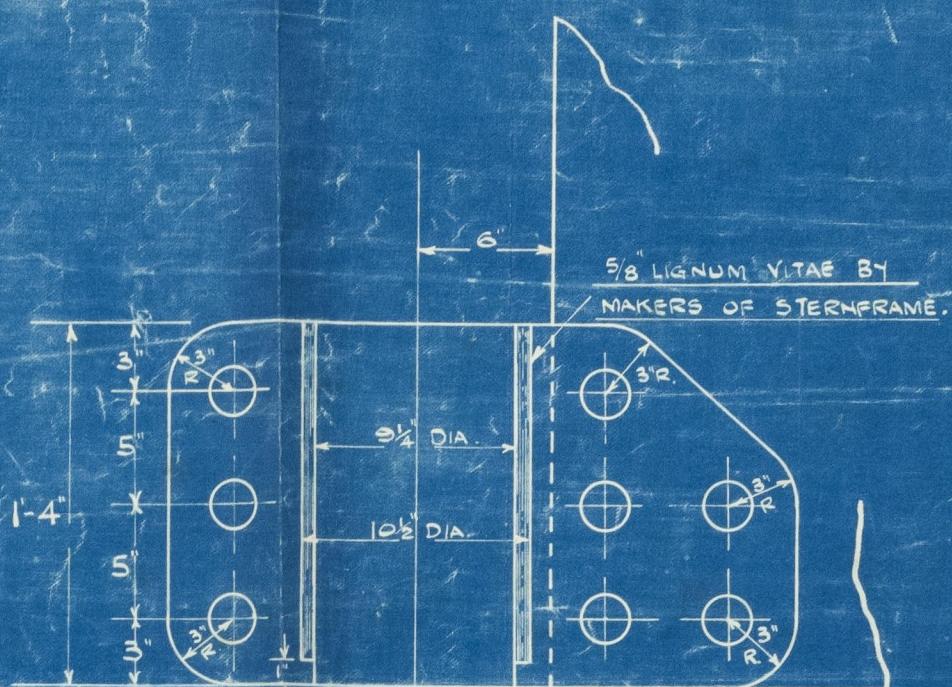
WEIGHT OF FRAME TO BE PAINTED ON BEFORE DESPATCH.

ALL DRILLING & MACHINING TO BE DONE BY MAKERS.

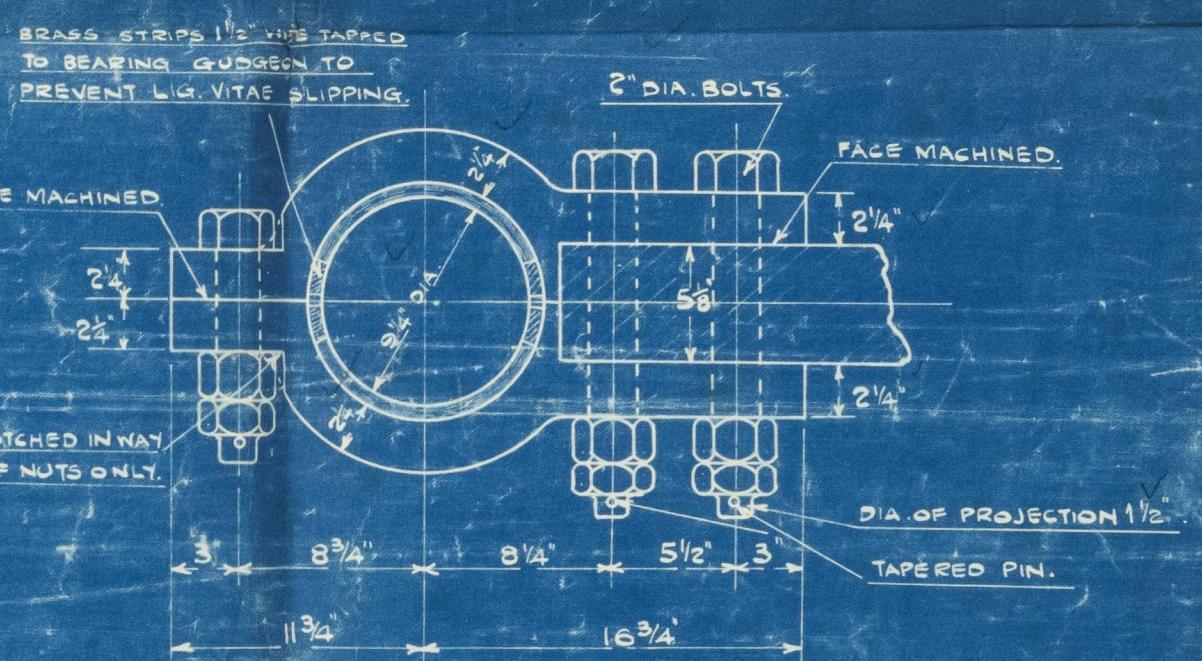
SPECIAL CARE TO BE TAKEN THAT HEIGHT OF CENTRE OF SHAFT

ABOVE BASE LINE IS CORRECT & THICKNESS OF BOTTOM

PIECE NOT EXCEEDED.

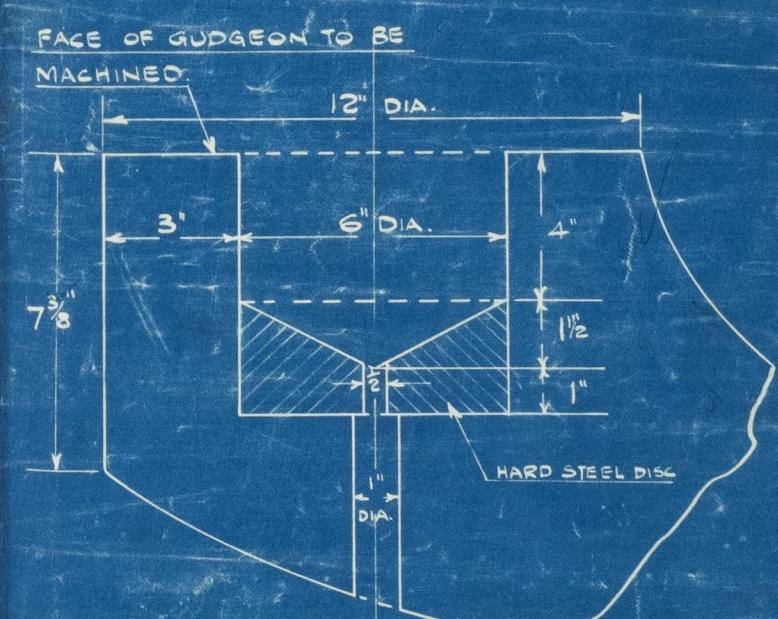


BOLTS IN GUDGEON TURNED & FITTED.



DETAIL OF BEARING GUDGEON.

SCALE 1 1/2"=1FT



DETAIL OF BOTTOM GUDGEON.

SCALE 3"=1FT



Rudder

Swan Hunter 1369-1-3-5.

Bae



b

Rudder.

Swan Hunter, W.H.

N^os 1369-1371-3-5

manicouagan *
ex Empire Rother.

30-10-28.

1369. "John A. McFeller"

1371. "E. H. Houston."

1373. "Ralph Gilchrist"

1375. "Joseph A. Burke".

PLANS TRANSFERRED
TO SISTER VESSEL

Soreldor *

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Nos. 1369. YI - 3 - 5 SHIPS.

Rudderframe.

25 Oct 1928

Approved J.H.
30.10.28.

TO CLASS B.S.* FOR SERVICE ON GREAT LAKES & RIVER ST LAWRENCE.

RUDDER FRAME OF FORGED STEEL TO PASS TESTS OF BRITISH CORPORATION.

SCALE $\frac{1}{2}$ = 1FT

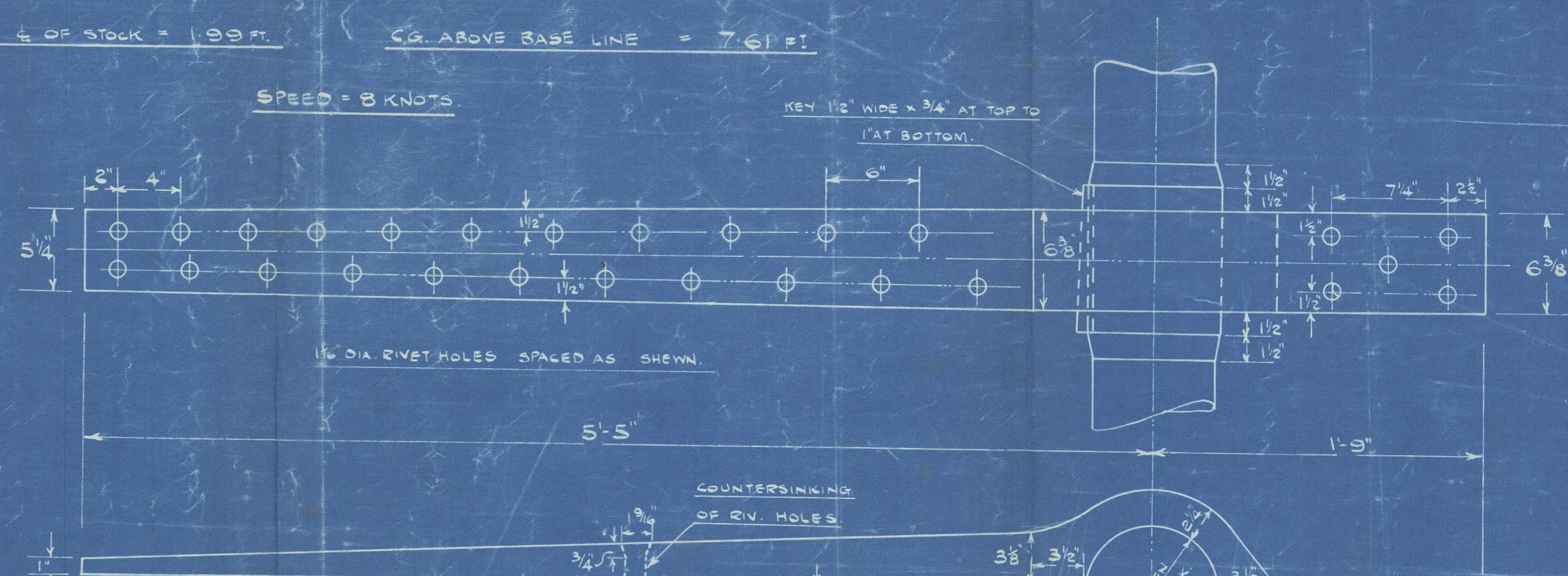
AREA ABAFT $\frac{1}{4}$ OF STOCK = 75.08 ft²

AREA AFRD $\frac{1}{4}$ OF STOCK = 21.73 ft²

C.G. ABAFT $\frac{1}{4}$ OF STOCK = 1.99 ft.

C.G. ABOVE BASE LINE = 7.61 ft

SPEED = 8 KNOTS



NOTES -
DIMENSIONS GIVEN ARE TO BE CAREFULLY WORKED TO & NOT EXCEED AS WE ONLY PAY ON WEIGHTS CALCULATED TO THESE DIMENSIONS.

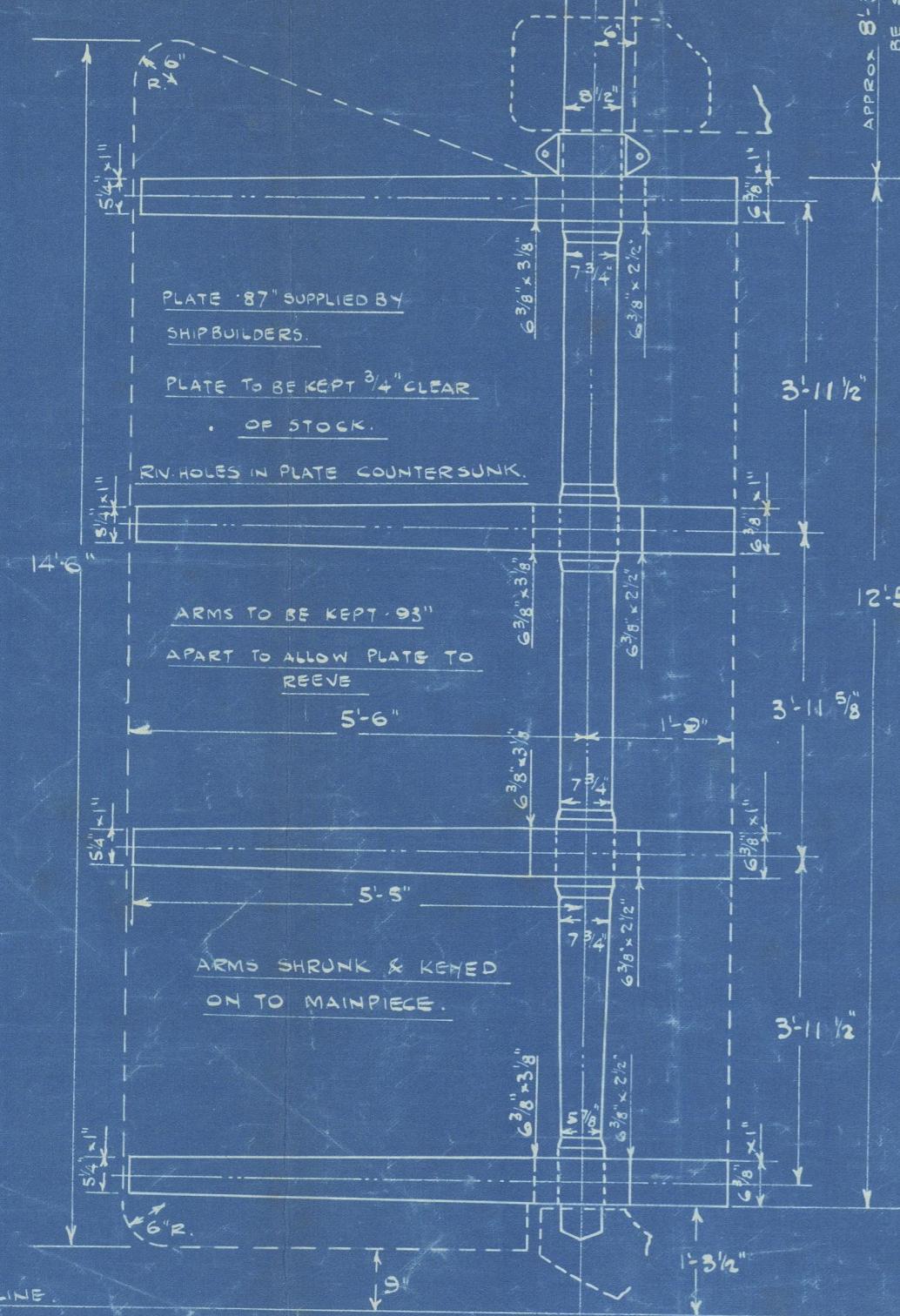
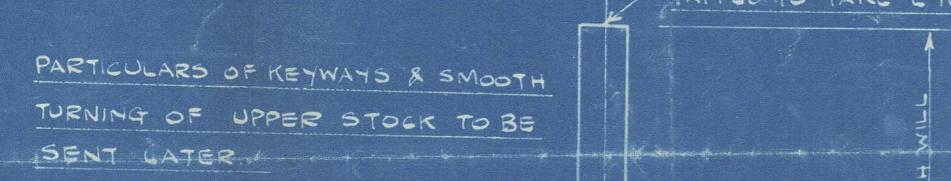
ALL MACHINING AND DRILLING TO BE DONE BY MAKERS. FRAME NOT TO BE PAINTED BUT TO HAVE A COAT OF OIL.

CENTRE LINE OF MAINPIECE TO BE SQUARE TO BASE LINE.

WEIGHT OF FRAME TO BE PAINTED ON BEFORE DESPATCH.

5/16" BRASS LINER TO BE CAST & GROOVED ON. GROOVES TO BE 5/8" WIDE & 1/8" DEEP.

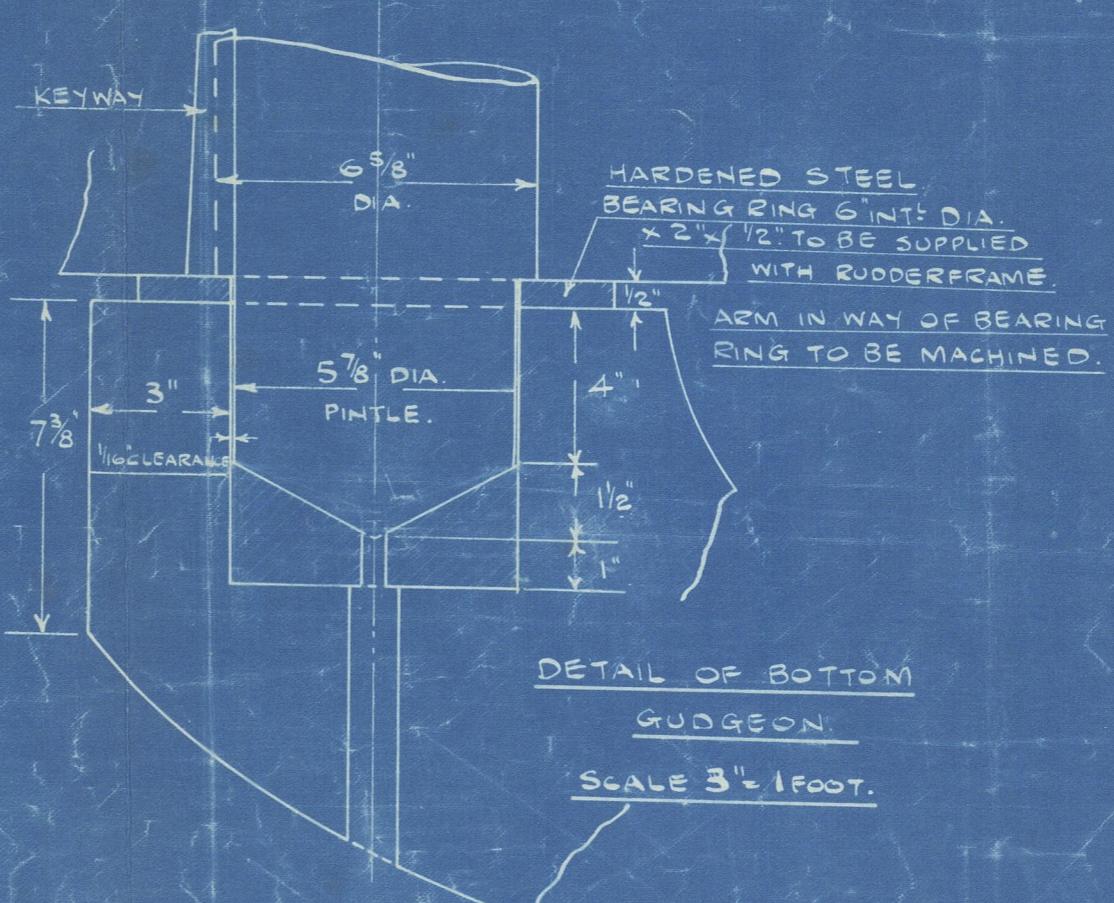
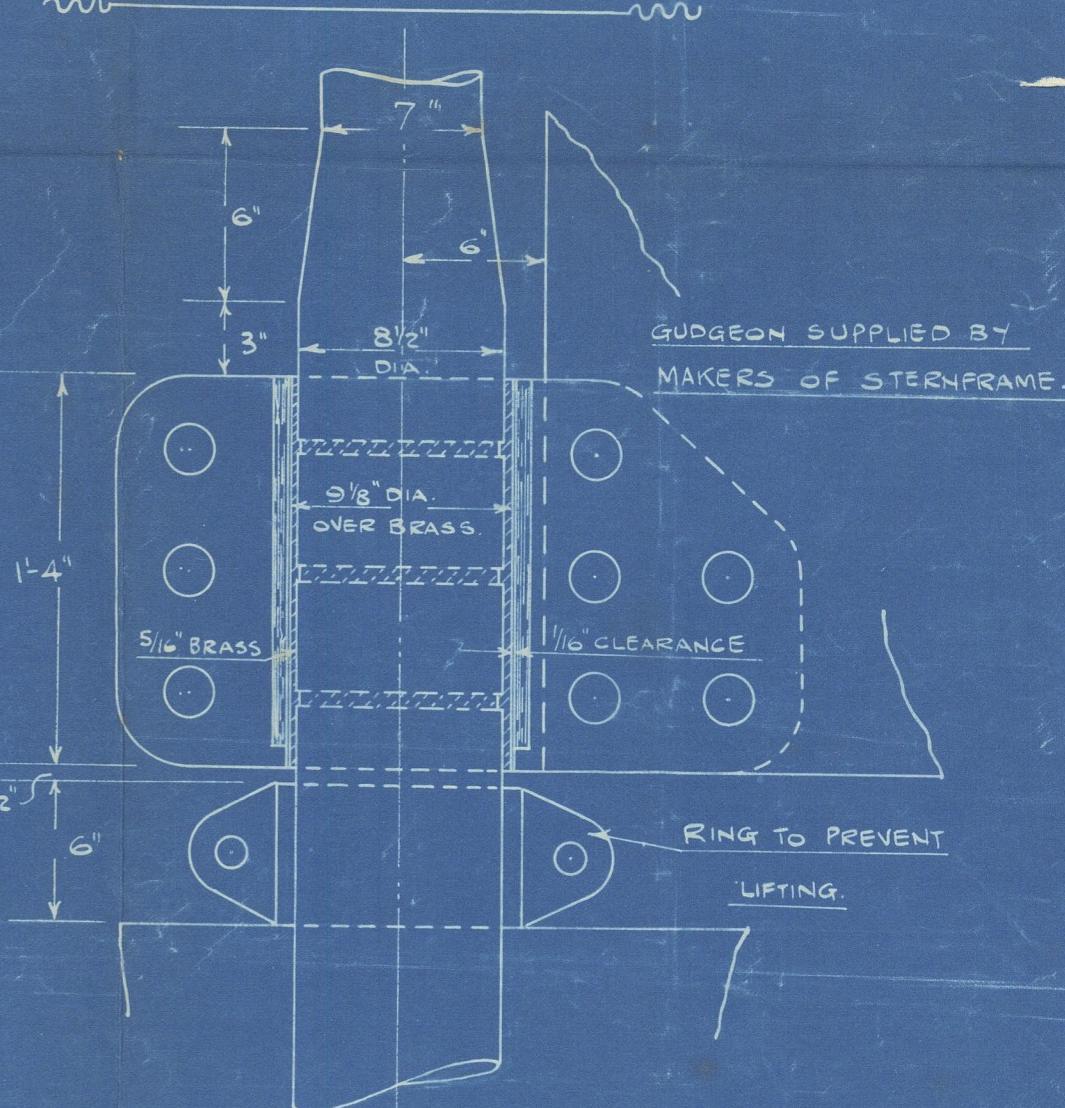
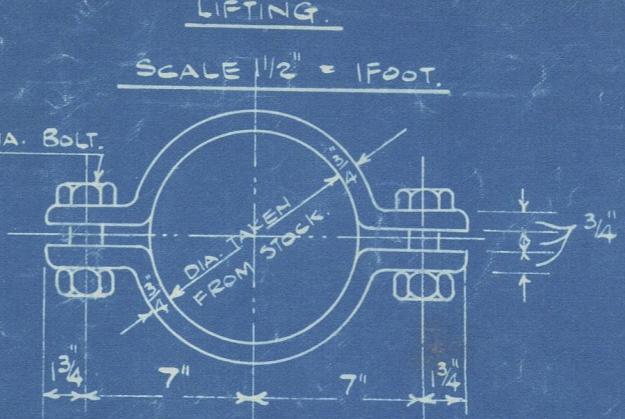
STOCK TO BE INCREASED 3/4" IN DIAM. IN WAY OF ARMS, THE INCREASE TO BE UNIFORM & EXTEND ABOVE & BELOW EACH ARM, EXCEPT THE BOTTOM OF THE LOWER ARM, FOR A DISTANCE OF 1/2" & THEN TAPERED OVER A SIMILAR DISTANCE INTO THE NORMAL DIA.



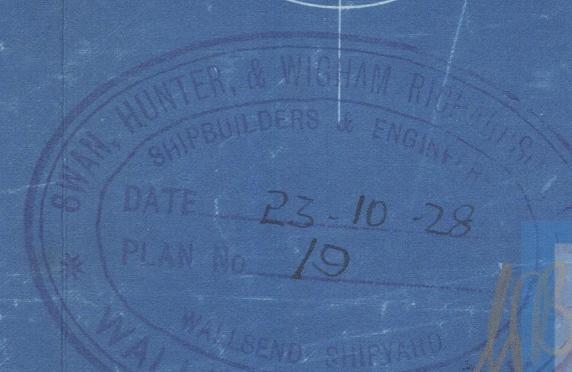
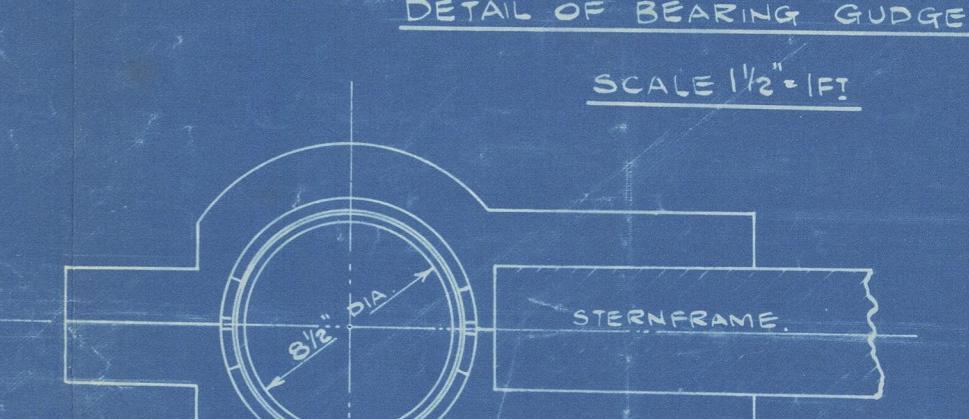
DETAIL OF ARMS.

SCALE $\frac{1}{2}$ = 1FT

DETAIL OF RING TO PREVENT LIFTING.



DETAIL OF BOTTOM GUDGEON.
SCALE 3" = 1FOOT.



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